

Title (en)

NOVEL COMPOUND, AND SUPPORT MATERIAL HAVING SAID NOVEL COMPOUND SUPPORTED THEREON

Title (de)

NEUARTIGE VERBINDUNG UND TRÄGERMATERIAL MIT DER BESAGTEN NEUARTIGEN VERBINDUNG DARAUFG

Title (fr)

NOUVEAU COMPOSÉ ET MATIÈRE DE SUPPORT AYANT LEDIT NOUVEAU COMPOSÉ SUPPORTÉ SUR CELLE-CI

Publication

EP 2824101 B1 20180509 (EN)

Application

EP 13758609 A 20130227

Priority

- JP 2012050077 A 20120307
- JP 2013055042 W 20130227

Abstract (en)

[origin: US2014353553A1] A novel compound represented by general formula (1), a carrier system including a carrier having the novel compound fixed thereon, and a photoelectric conversion device having the carrier system. In formula (1), Z is a C1-C50 conjugated group; R1 is a C6-C20 aromatic hydrocarbon group, a C7-C20 aromatic hydrocarbon group substituted by an aliphatic hydrocarbon group, or a C1-C20 aliphatic hydrocarbon group, each substituted by carboxyl, cyano, amino, amide, or nitro, the aliphatic hydrocarbon group being optionally interrupted by —O—, etc.; R2 is hydrogen or an optionally substituted C1-C20 hydrocarbon group; R30, R31, R32, R33, R40, R41, R42, R43, and R44 are each hydrogen or optionally substituted hydrocarbon group, and adjacent two of them may be connected to form a ring; R5 is hydrogen or cyano; and R11 is represented by formula (11-1) or (11-2), wherein n, ring A, and the like are as defined in the description.

IPC 8 full level

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CPC (source: CN EP US)

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Cited by

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